| L | Hits | Search Text | DB | Time stamp |
|--------|--------|---|--|------------------------------|
| Number | nics | | DB | Time Stamp |
| 1 . | 776392 | angle\$1 and rotat\$3 | USPAT; | 2004/04/06 |
| 2 | 87030 | angle\$1 near rotat\$3 | US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; | 09:29 2004/04/06 09:29 |
| 3 | 8652 | complex and (angle\$1 near rotat\$3) | EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2004/04/06 |
| 4 | 1658 | (sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3)) | DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/06 15:12 |
| 5 . | 891 | <pre>(angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3)))</pre> | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 |
| 6 | 140482 | coarse adn ((angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 09:32 |
| 7 | 84 | coarse and ((angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 |
| 8 | 7 | (coarse and ((angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3))))) and 708/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 09:32 |
| 9 | | ("3562420" "3816831" "3877022" "3879724" "3972000" "3979701" "3988539" "3999129" "4003002" "4011438" "4044241" "4057759" "4062060" "4071821" "4090145" "4130806" "4159526" "4237554" "4241312" "4246653" "4288857" "4313211" "4315219" "4318128" "4320523" "4345500" "4346477" "4356559" "4384357" "4419759" "4455680" "4464770" "4475220" "4506228" "4594555").PN. | USPĀT | 2004/04/06 09:40 |
| 10 | 100 | 4893316.URPN. | USPAT | 2004/04/06 |
| 11 . | 77 | <pre>(coarse and ((angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3))))) not ((coarse and ((angle\$1.ti. or angle\$1.ab. or angle\$1.clm.) and ((sin or sine) and (cos or cosine) and (complex and (angle\$1 near rotat\$3))))) and 708/\$.ccls.)</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 |
| 12 | 55152 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 |

| 13 | 883 | coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/06 15:11 |
|------|-------|---|---|---------------------|
| 14 | 201 | (sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3)) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2004/04/06 09:49 |
| 15 | 37 | ((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 09:49 |
| 16 | 4 | (((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan)) and 708/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 09:51 |
| 17 | 0 | <pre>((((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan)) and 708/\$.ccls.) not (((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan))</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 09:51 |
| 18 . | 33• | <pre>(((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan)) not ((((sin or sine) and (cos or cosine) and (coarse and fine and ((angle\$1 or angular\$1) adj rotat\$3))) and (tan or arctan)) and 708/\$.ccls.)</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 |
| 19 | 511 | CORDIC | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 10:59 |
| 20 ` | 325 | CORDIC and rotat\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 11:00 |
| 21 | 241 | (CORDIC and rotat\$3) and ang\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 |
| | 141. | (sin or sine) and (cos or cosine) and ((CORDIC and rotat\$3) and ang\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 11:00 |
| 23 | 55 | ((sin or sine) and (cos or cosine) and ((CORDIC and rotat\$3) and ang\$5)) and coarse | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 |
| | 31 | (((sin or sine) and (cos or cosine) and ((CORDIC and rotat\$3) and ang\$5)) and coarse) and fine | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 15:10 |
| 25 | 28048 | ((angular\$1 or angle\$1) adj rota\$5).ti. or ((angular\$1 or angle\$1) adj rota\$5).ab. or ((angular\$1 or angle\$1) adj rota\$5).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/04/06 15:11 |

| 201 coarse and fine and (((angular\$) or angle\$1) adj rota\$5).tl. or ((angular\$1) cor angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or coarse) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1) adj rota\$5).clm.) coarse and fine and (((angular\$1) or angle\$1.ab.) coarse and fine and (((angular\$1) or shift\$3) coarse and fine and (((angular\$1) or shift\$3) coarse and fine and (((((anglas\$1.ti. or angle\$1.ab.) and ((((((anglas\$1.ti. or angle\$1.ab.) and (((((((anglas\$1.ti. or angle\$1.ab.) and ((((((((((anglas\$1.ti. or angle\$1.ab.) and (((((((((((((((((((((((((((((((((((| | | | | |
|---|--------|---------|--|---|---------------------|
| Coarse and fine and (((angular\$1 or angle\$1) adj rota\$5).clm.) DERWENT; IBM TDB 2004/04/06 angle\$1) adj rota\$5).ti. or ((angular\$1 or angle\$1) adj rota\$5).ab. or ((angular\$1) rota\$5].clm.)) and (ROW or memory) IBM TDB 2004/04/06 IS:12 IBM TDB IBM TDB IS:12 IBM TDB IBM TDB IS:12 IBM TDB IBM T | 26 | 201 | angle\$1) adj rota\$5).ti. or ((angular\$1 | US-PGPUB; | |
| angle\$1 adj rota\$5].ti. or ((angular\$1 or angle\$1) adj rota\$5].ab. or ((angular\$1 or angle\$1) adj rota\$5].ab. or ((angular\$1 or angle\$1) adj rota\$5].cl.m) and (ROM or memory) | | | ((angular\$1 or angle\$1) adj rota\$5).clm.) | DERWENT; IBM_TDB | |
| 28 | | 60 | angle\$1) adj rota\$5).ti. or ((angular\$1 or angle\$1) adj rota\$5).ab. or | US-PGPUB; EPO; JPO; | 1 |
| Tota\$5,.clm.) and (ROM or memory) | 28 | 17 | <pre>(sin or sine) and (cos or cosine) and ((coarse and fine and (((angular\$1 or angle\$1) adj rota\$5).ti. or ((angular\$1 or angle\$1) adj rota\$5).ab. or</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| 30 | 29 | 1 | rota\$5).clm.)) and (ROM or memory)) | _ | |
| US-PGPUB; PO; JPO; DEWENT; IBM TDB USPAT; PO; JPO; JPO; DEWENT; IBM TDB USPAT; PO; JPO; JPO; DEWENT; IBM TDB USPAT; PO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; | | | "3976869" "3984672" "4097858").PN. | | 2004/04/06 15:15 |
| - 278117 (angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3) and (sin or sine) and (cos or cosine) and (| - - | 1014133 | | US-PGPUB; EPO; JPO; DERWENT; | 1 |
| - 278117 (angle\$1.ti. or angle\$1.ab.) and (rotat\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; and (cos or cosine) (((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine) ((((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan (cos or cosine)) and tan (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (rotat\$3 or shift\$3)) and (sin or sine) and (rotat\$3 or shift\$3)) and (sin or sine) and (rotat\$3 or shift\$3) (rotat\$3 or shift\$ | _ | 715322 | angle\$1 and rotat\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| 5671 | - | 278117 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| See (((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (cos or cosine)) and tan) and (rotat\$3 or shift\$3)) and (sin or sine) and (rotat\$3 or shift\$3)) and (sin or sine) and (rotat\$3 or shift\$3)) and (sin or sine) (rotat\$3 or shift\$3) (rotat\$3 or shift\$3) and (sin or sine) (rotat\$3 or shift\$3) (rotat\$3 or shift\$3] (rotat\$ | - | 5671 | (rotat\$3 or shift\$3)) and (sin or sine) | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| - 310 ((((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (complex\$5 and (cos or cosine)) and tan) and (cos or cosine)) and (sin or sine) and (cos or cosine)) and tan) and (cos or cosine)) and tan) and (complex\$5) and (coarse or fine) - 5 ((((((angle\$1.ti. or angle\$1.ab.) and (coarse or fine)) and (coarse or shift\$3)) and (sin or sine) and (coarse or shift\$3) and (sin or sine) and (coarse or shift\$3] and (c | | 898_ | (rotat\$3 or shift\$3)) and (sin or sine) | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| - 66 (((((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (complex\$5) and (coarse or fine) - 5 ((((((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and (complex\$5) and (coarse or fine)) and | - | 310 | (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| - 5 (((((((angle\$1.ti. or angle\$1.ab.) and (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and complex\$5) and (coarse or fine)) and TDB (SFAT; (SFAT) (SFAT | | 66 | (rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and | USPAT; US-PGPUB; EPO; JPO; DERWENT; | |
| - 257 708/440,276.ccls. USPAT; 2003/05/27 US-PGPUB; EPO; JPO; DERWENT; IBM TDB | - | 5 | <pre>(rotat\$3 or shift\$3)) and (sin or sine) and (cos or cosine)) and tan) and complex\$5) and (coarse or fine)) and</pre> | USPAT; US-PGPUB; EPO; JPO; DERWENT; | 1 |
| IBM_TDB | - | 257 | | USPĀT; US-PGPUB; EPO; JPO; | |
| - 105 708/440,276.ccls. and angle\$1 US-PGPUB; 16:49 EPO; JPO; DERWENT; IBM TDB | - | 105 | 708/440,276.ccls. and angle\$1 | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; | 2003/05/27 16:49 |

| - | 85 | (708/440,276.ccls. and angle\$1) and | USPAT; | 2003/05/27 |
|---|-----|---|-----------|------------|
| | | (rotat\$3 or shift\$3) | US-PGPUB; | 16:50 |
| ļ | | | EPO; JPO; | |
| | | • | DERWENT; | |
| | | | IBM TDB | |
| - | 37 | ((708/440,276.ccls. and angle\$1) and | USPAT; | 2003/05/27 |
| | | (rotat\$3 or shift\$3)) and complex\$5 | US-PGPUB; | 16:50 |
| | | • | EPO; JPO; | |
| | | | DERWENT; | |
| | | • | IBM TDB | |
| | 31 | (((708/440,276.ccls. and angle\$1) and | USPAT; | 2003/05/27 |
| | | (rotat\$3 or shift\$3)) and complex\$5) and | US-PGPUB; | 16:51 |
| | | (sin or sine) and (cos or cosine) | EPO; JPO; | |
| | | , | DERWENT; | ļ |
| | | | IBM TDB | 1 |
| _ | 7 | ((((708/440,276.ccls. and angle\$1) and | USPAT; | 2003/05/27 |
| | · | (rotat\$3 or shift\$3)) and complex\$5) and | US-PGPUB; | 16:51 |
| | | (sin or sine) and (cos or cosine)) and | EPO; JPO; | |
| | | (angle\$1.ti. or angle\$1.ab.) | DERWENT; | |
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| _ | 392 | 708/322.ccls. | USPAT; | 2004/04/05 |
| | • | , | US-PGPUB; | 17:31 |
| | | | EPO; JPO; | |
| | | | DERWENT; | |
| 1 | | | IBM TDB | |
| _ | 94 | simulat\$5 and 708/322.ccls. | USPAT; | 2004/04/05 |
| | | | US-PGPUB; | 18:32 |
| | | | EPO; JPO; | |
| | | | DERWENT; | |
| | | | IBM TDB | • |